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HAMRE, SCHUMANN, MUELLER & LARSON, P.C.

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FAX TRANSMISSION January 10, 2007

TO: MS AMENDMENT
Examiner:
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 14633.0008USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter:

50

PTO FAX NUMBER: 571.273.8300

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Title of Document: **Supplemental Information Disclosure Statement, Form 1449, 8 references (including copy of co-pending U.S. Patent Publication No. 2006/0025596).**

Applicant: ITO et al.
Serial No.: 10/539,188
App. Filed: June 16, 2005
Group Art No.: 1621
Conf. No.: 2230

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.


By: 

Name: Douglas P. Mueller

Reg. No.: 10,300

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Nicole Landree


Signature

January 10, 2007

Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ITO et al. Examiner: unknown
Serial No.: 10/539,188 Group Art Unit: 1621
Filed: June 16, 2005 Docket: 14633.0008USWO
Title: A METHOD OF DEUTERATION

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on January 10, 2007.

By: 
Name: NICOLE LANDREE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

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- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- ☒ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☒ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

<u>Application No.</u>	<u>Filing Date</u>	<u>Group</u>
10/534,344	May 9, 2005	4821

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

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FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &
LARSON, P.C.

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Dated: January 10, 2007By: 

Douglas P. Mueller

Reg. No. 30,300

DPM:nel

JAN 10 2007

Date Mailed: JANUARY 10, 2007

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14633.0008USWO	Application Number: 10/539,188
	Applicant: ITO et al.	
	Filing Date: June 16, 2005	Group Art Unit: 1621

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,880,941	Nov. 14, 1989	Shroot et al.				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	60-248666	Dec. 9, 1985	Japan			abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Copy of co-pending U.S. Patent Publication No. 2006/0025596
	"Biosynthesis of luciferin in the sea firefly, <i>Cypridina hilgendorfi</i> : L-tryptophan is a component in <i>Cypridina luciferin</i> ", Oba et al., <i>Tetrahedron Letters</i> 43 (2002) 2389-2392.
	"Hydrogen isotope exchange reactions involving C-H (D,T) bonds", Junk et al., <i>Chemical Society Reviews</i> , 1997, volume 26, 401-406.
	"A highly efficient synthetic procedure for deuterating imidazoles and imidazolium salts", Hardacre et al., <i>Chem. Commun.</i> , 2001, 367-368.
	GARNETT, HENDERSON, SOLLICH, VAN DYKE TIERS: "An NMR study of orientation effects in the catalytic deuteration and tritiation of aromatic compounds. Simplification of spin-coupled NMR spectra by the method of massive deuteration". TETRAHEDRON LETTERS, vol. 2, 1961, pages 516-522, XP002388045 * page 517, last paragraph; tables 2, last entry *
	ELVIDGE, JONES, MANE, AL RAWI: "Tritium nuclear magnetic resonance spectroscopy. Par 10. Distribution of Tritium in some labelled nitrogen heterocyclic compounds". J. CHEM. SOC. PERKIN TRANSACTIONS 2, 1979, pages 386-388, XP009068654 Experimental * table *

52835

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE